

Form PTO-1449 LIST OF PRIOR ART CITED BY APPLICANT <i>(Use several sheets if necessary)</i>			ATTORNEY DOCKET NO. AUS920030552US1		SERIAL NO. Not Assigned 10/757,156	
APPLICANT DeWitt, Jr. et al.			FILING DATE 1/14/04		GROUP ART UNIT Not Assigned 2192	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	INVENTOR NAME	CLASS/ SUBCLASS	FILING DATE	
JR	AA 5,103,394	Apr. 7, 1992	Blasclak	395/575	Dec. 21, 1989	
	AB 6,330,662 B1	Dec. 11, 2001	Patel et al.	712/236	Feb. 23, 1999	
	AC 6,480,938 B2	Nov. 12, 2002	Vondran, Jr.	711/125	Dec. 15, 2000	
	AD 6,430,741 B1	Aug. 6, 2002	Mattson, Jr. et al.	717/154	Feb. 26, 1999	
	AE 6,189,141 B1	Feb. 13, 2001	Benitez et al.	717/4	May 4, 1998	
	AF 5,930,508	Jul. 27, 1999	Faraboschi et al.	395/706	Jun. 9, 1997	
	AG 6,351,844 B1	Feb. 26, 2002	Bala	717/4	Nov. 5, 1998	
	AH 6,324,689 B1	Nov. 27, 2001	Lowney et al.	717/9	Sep. 30, 1998	
	AI 6,442,585 B1	Aug. 27, 2002	Dean et al.	709/108	Nov. 26, 1997	
	AJ 5,774,724	Jun. 30, 1998	Helsch	395/704	Nov. 20, 1995	
	AK 5,987,250	Nov. 16, 1999	Subrahmanyam	395/704	Aug. 21, 1997	
	AL 6,192,513 B1	Feb. 20, 2001	Subrahmanyam	717/5	Nov. 2, 1998	
	AM 5,691,920	Nov. 25, 1997	Levine et al.	364/551.01	Oct. 2, 1995	
	AN 6,223,338 B1	Apr. 24, 2001	Smolders	717/4	Sep. 30, 1998	
	AO 6,101,524	Aug. 8, 2000	Choi et al.	709/102	Oct. 23, 1997	
	AP 6,256,775 B1	Jul. 3, 2001	Flynn	717/4	Dec. 11, 1997	
	AQ 6,446,029 B1	Sep. 3, 2002	Davidson et al.	702/186	Jun. 30, 1999	
	AR 6,134,676	Oct. 17, 2000	VanHuben et al.	714/39	Apr. 30, 1998	
	AS 5,937,437	Aug. 10, 1999	Roth et al.	711/202	Oct. 28, 1996	
	AT 6,243,804 B1	Jun. 5, 2001	Cheng	712/228	Jul. 22, 1998	
	AU 4,291,371	Sep. 22, 1981	Holtey	364/200	Jan. 2, 1979	
	AV 5,938,778	Aug. 17, 1999	John, Jr. et al.	714/45	Nov. 10, 1997	
	AW 6,286,132 B1	Sep. 4, 2001	Tanaka et al.	717/4	Jan. 7, 1999	
	AX 6,206,584 B1	Mar. 27, 2001	Hastings	395/183.11	May 31, 1995	
	AY 6,374,364 B1	Apr. 16, 2002	McElroy et al.	714/10	Jan. 19, 1999	
	AZ 6,070,009	May 30, 2000	Dean et al.	395/704	Nov. 26, 1997	
V	BA 5,966,537	Oct. 12, 1999	Ravichandran	395/709	May 28, 1997	
DATE CONSIDERED 01/04/2007			EXAMINER /James Rutten/			
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	INVENTOR NAME	CLASS/SUBCLASS	FILING DATE	
JR	BB	2002/0129309	Sep. 12, 2002	Floyd et al.	714/724 Dec. 18, 2000	
	BC	2001/0032305	Oct. 18, 2001	Barry	712/34 Feb. 23, 2001	
	BD	2002/0199179	Dec. 26, 2002	Lavery et al.	717/158 Jun. 21, 2001	
	BE	2002/0124237	Sep. 5, 2002	Sprunt et al.	717/127 Dec. 29, 2000	
	BF	2002/0147965	Oct. 10, 2002	Swaine et al.	717/124 Feb. 1, 2001	
	BG	2002/0019976	Feb. 14, 2002	Patel et al.	717/137 May 25, 2001	
FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION YES NO	
JR	BH	JP2000029731	Dec. 8, 1999	Japan	G06F 9/38 X	
JR	BI	JP2000347863	Dec. 15, 2000	Japan	G06F 9/38 X	
OTHER PRIOR ART (including author, title, date, pertinent page, etc.)						
	BJ	Kikuchi, "Parallelization Assist System", <i>Joho Shori</i> , Vol. 34, No. 9, Sept. 1993, pp. 1158-1160.				
JR	BK	Cohen et al., "Hardware-Assisted Characterization of NAS Benchmarks", <i>Cluster Computing</i> , V 1. 4, No. 3, July 2001, pp. 189-196.				
JR	BL	Talla et al., "Evaluating Signal Processing and Multimedia Applications on SIMD, VLIW and Sup r Scalar Architectures", <i>International Conference on Computer Design</i> , Austin, Sept. 17-20, 2000, pp. 163-172.				
JR	BM	Iwasawa et al., "Parallelization Method of Fortran DO Loops by Parallelizing Assist System", <i>Transactions of Information Processings Society of Japan</i> , Vol. 36, No. 8, Aug. 1995, pp. 1995-2006.				
JR	BN	Talla et al., "Execution Characteristics of Multimedia Applications on a Pentium II Processor", <i>IEEE International Performance, Computing, and Communications Conference</i> , 19 th , Phoenix, F b. 20-22, 2000, pp. 516-524.				
JR	BO	IBM Research Disclosure Bulletin 444188, "Enable Debuggers as an Objective Performanc Measurement Tool for Software Development Cost Reduction", April 2001, pp. 686-688.				
RELATED PATENT APPLICATIONS						
EXAMINER INITIAL	APPLICATION NO/ ATTY. DOCKET NO.	APPLICANT	TITLE	FILING DATE		
JR	BP 09/435,069 AT9-99-491	Davidson et al.	Method and Apparatus for Instruction Sampling for Performance Monitoring and Debug	Nov. 4, 1999		
JR	BQ 08/538,071 AUT919950055US1	Gover et al.	Method and System for Selecting and Distinguishing an Event Sequence using an Effective Address in a Pr cessing System	Oct. 2, 1995		
DATE CONSIDERED 01/04/2007			EXAMINER /James Rutten/			
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	FILING DATE	GROUP ART UNIT Not Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	INVENTOR NAME	CLASS/ SUBCLASS	FILING DATE
JR	BR 5,212,794	May 18, 1993	Pettis et al.	395/700	Jun. 1, 1990
JR	BS 5,689,712	Nov. 18, 1997	Helsch	395/704	Jul. 27, 1994

RELATED PATENT APPLICATIONS

EXAMINER INITIAL		APPLICATION NO/ ATTY. DOCKET NO.	APPLICANT	TITLE	FILING DATE
	BT	Not Assigned AUS920030477US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Instruction Execution and Data Accesses	Sep. 30, 2003
	BU	Not Assigned AUS920030478US1	Levine et al.	Method and Apparatus for Selectively Counting Instructions and Data Accesses	Sep. 30, 2003
	BV	Not Assigned AUS920030479US1	DeWitt, Jr. et al.	Method and Apparatus for Generating Interrupts Upon Execution of Marked Instructions and Upon Access to Marked Memory Locations	Sep. 30, 2003
	BW	Not Assigned AUS920030480US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Data Accesses and Instruction Executions that Exceed a Threshold	Sep. 30, 2003
	BX	Not Assigned AUS920030481US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Execution of Specific Instructions and Accesses to Specific Data Locations	Sep. 30, 2003
	BY	Not Assigned AUS920030482US1	DeWitt, Jr. et al.	Method and Apparatus for Debug Support for Individual Instructions and Memory Locations	Sep. 30, 2003
	BZ	Not Assigned AUS920030483US1	Levine et al.	Method and Apparatus to Autonomically Select Instructions for Selective Counting	Sep. 30, 2003
	CA	Not Assigned AUS920030484US1	Levine et al.	Method and Apparatus to Autonomically Count Instruction Execution for Applications	Sep. 30, 2003
	CB	Not Assigned AUS920030485US1	Levine et al.	Method and Apparatus to Autonomically Take an Exception on Specified Instructions	Sep. 30, 2003
	CC	Not Assigned AUS920030486US1	Levine et al.	Method and Apparatus to Autonomically Profile Applications	Sep. 30, 2003
	CD	Not Assigned AUS920030487US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Instruction and Memory Location Ranges	Sep. 30, 2003
	CE	Not Assigned AUS920030550US1	DeWitt, Jr. et al.	Autonomic Method and Apparatus for Counting Branch Instructions to Improve Branch Predictions	
	CF	Not Assigned AUS920030551US1	DeWitt, Jr. et al.	Autonomic Method and Apparatus for Local Program Code Reorganization Using Branch Count Per Instruction Hardware	

DATE CONSIDERED 01/04/2007

EXAMINER /James Rutten/

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete If Known**

Application Number	10/757,156
Filing Date	01/14/2004
First Named Inventor	DeWitt, Jr. et al.
Examiner Name	Unknown Rutten
Art Unit	2122 2192
Attorney Docket No.	AUS920030552US1

Examiner Initials		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JR	AA	5051944	09-24-1991	Fetterolf et al.	
JR	AB	5142634	08-25-1992	Fite et al.	
JR	AC	5394529	02-28-1995	Brown, III et al.	
JR	AD	6233679 B1	05-15-2001	Holmberg	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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Examiner: /James Rutten/

Date Considered: 01/04/2007

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PTO/SB/08a (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10757156
	Filing Date		2004-01-14
	First Named Inventor	DeWitt, Jr. et al.	
	Art Unit	2422 2192	
	Examiner Name	Nguyen Ba, Hoang Vu A Rutten	
	Attorney Docket Number	AUS920030552US1	

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
JR	1	5966538		1999-10-12	Granston et al.	
	2	5940618		1999-08-17	Blandy et al.	
	3	6189142	B1	2001-02-13	Johnston et al.	
	4	5768500		1998-06-16	Agrawal et al.	
	5	6026235		2000-02-15	Shaughnessy	
	6	5950003		1999-09-07	Kaneshiro et al.	
	7	6594820	B1	2003-07-15	Ungar	

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STATEMENT BY APPLICANT**
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Application Number	10757156
Filing Date	2004-01-14
First Named Inventor	DeWitt, Jr. et al.
Art Unit	2122
Examiner Name	Nguyen Ba, Hoang Vu A.
Attorney Docket Number	AUS920030552US1

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
JR	1	20020073406	A1	2002-06-13	Gove	
↓	2	20030066055	A1	2003-04-03	Spivey	
	3	20030131343	A1	2002-07-10	French et al.	
	4	20040268316	A1	2004-12-30	Fisher et al.	

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EXAMINER SIGNATURE

Examiner Signature	/James Rutten/	Date Considered	01/04/2007
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